as to whether the amount of sewage collected per capita would be at at any time as great as 125 gallons a day and as to when, if ever, the population of this city would reach 1,000,000, it seems to us inadvisable to call at present for enough money for a complete system to collect and dispose of 125,000,000 gallons of sewage a day, with the exception of the intercepting and district main sewage, which cannot be duplicated or enlarged when once in the ground, and should be made large enough for the maximum amount they are to carry; also the pumping station should be made large enough for the work to be done in it. Our estimate therefore includes the cost of these items complete for 1,000,000 population. It is not necessary at present, and will not be for some time to come, to build all the small branch sewers, to install all the machinery, to lay all the force and gravity mains, to build all the septic tanks or all the filtration beds necessary to collect and dispose of the sewage for 1,000,000 population. It seems to us that it would neither be necessary nor advisable to provide for these latter items more than enough to cover the cost of collecting and disposing of 95,000,000 gallons of sewage a day. Taking the per capita flow of sewage to be as great as estimated by the old Sewerage Commission, and their estimate of the rate of increase in our population, this amount would provide for a population 750,000, and for a period of at least fifthen years to come. Additional machinery, force and gravity mains, septic taks or filter beds, and small branch sewers can easily be provided thereafter, as required, without in any way overtaxing those first installed.

Respectfully,

(Signed.) ALFRED M. QUICK,
Water Engineer.

Interceptors for 1,000,000	$1,365,382 00
Pumping station	262,000 00
Four 25,000,000 gallon pumps	360,000 00
Two 3,000,000 gallon pumps	8,000 00
Six 500 H. P. boilers	54,000 00